



Technical Memo

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Increasing the Maximum Number of SU Users in MVS FOCUS

A sink machine has a table which contains the count of the number of active FOCUS users accessing it. The default maximum is 127 users. To increase the 127-user limit, edit member SESSCM of the dataset FOCCTL.DATA, and change the line that reads:

```
NUMSES EQU 256
```

Replace the number 256 using the following formula:

```
(maximum number of users * 2) + 1
```

For example, to enable a maximum of 200 FOCUS users, replace 256 with $(200 * 2) + 1$, or 401. Note that each number you add to the value 256 increases the virtual storage requirement of the sink machines by about 220 bytes. Each additional user increases the virtual storage requirement by about 440 bytes.

Do not change any other lines in this program. Save the edited member SESSCM in FOCCTL.DATA.

Assemble SESSCM from FOCCTL.DATA. Sample JCL follows:

```
//ASSEM EXEC PGM=IEV90,PARM='LIST,OBJ,NOALIGN'  
//SYSLIB DD DISP=SHR,DSN=SYS1.MACLIB  
//SYSUT1 DD UNIT=SYSDA,SPACE=(TRK,(30,10))  
//SYSUT2 DD UNIT=SYSDA,SPACE=(TRK,(30,10))  
//SYSUT3 DD UNIT=SYSDA,SPACE=(TRK,(30,10))  
//SYSPRINT DD SYSOUT=*  
//SYSPUNCH DD DUMMY  
//SYSLIN DD DISP=SHR,DSN=prefix.OBJ(SESSCM)  
//SYSIN DD DISP=SHR,DSN=prefix.FOCCTL.DATA(SESSCM)
```

Link SESSCM into FOCUS. Sample JCL follows:

```
//LINKFOC EXEC PGM=IEWL,PARM='LET,NCAL,SIZE=1024K'  
//SYSPRINT DD SYSOUT=*  
//SYSUT1 DD UNIT=SYSDA,SPACE=(CYL,(10,1))  
//SYSLMOD DD DISP=OLD,DSN=prefix.FOCCLIB.LOAD <- FOCUS  
//MAINTAIN DD DISP=SHR,DSN=prefix.FOCCCTL.DATA <- FOCCCTL  
//OBJECT DD DISP=SHR,DSN=prefix.OBJ <- Assembled code|  
//SYSLIN DD *  
INCLUDE OBJECT(SESSCM) <----- Assembled SESSCM  
INCLUDE SYSLMOD(HLISNK) <----- Module to be Changed  
INCLUDE MAINTAIN(HLISNK) <----- Linkedit Control Statements  
NAMES HLISNK(R) <----- New Module  
/*
```

Note: When the number of source machines has reached the maximum allowed by SESSCM, the source machine will receive the error:

(FOC528) SU. TOO MANY FILES OPEN ON THE CENTRAL DATABASE MACHINE.